

Fig. 1

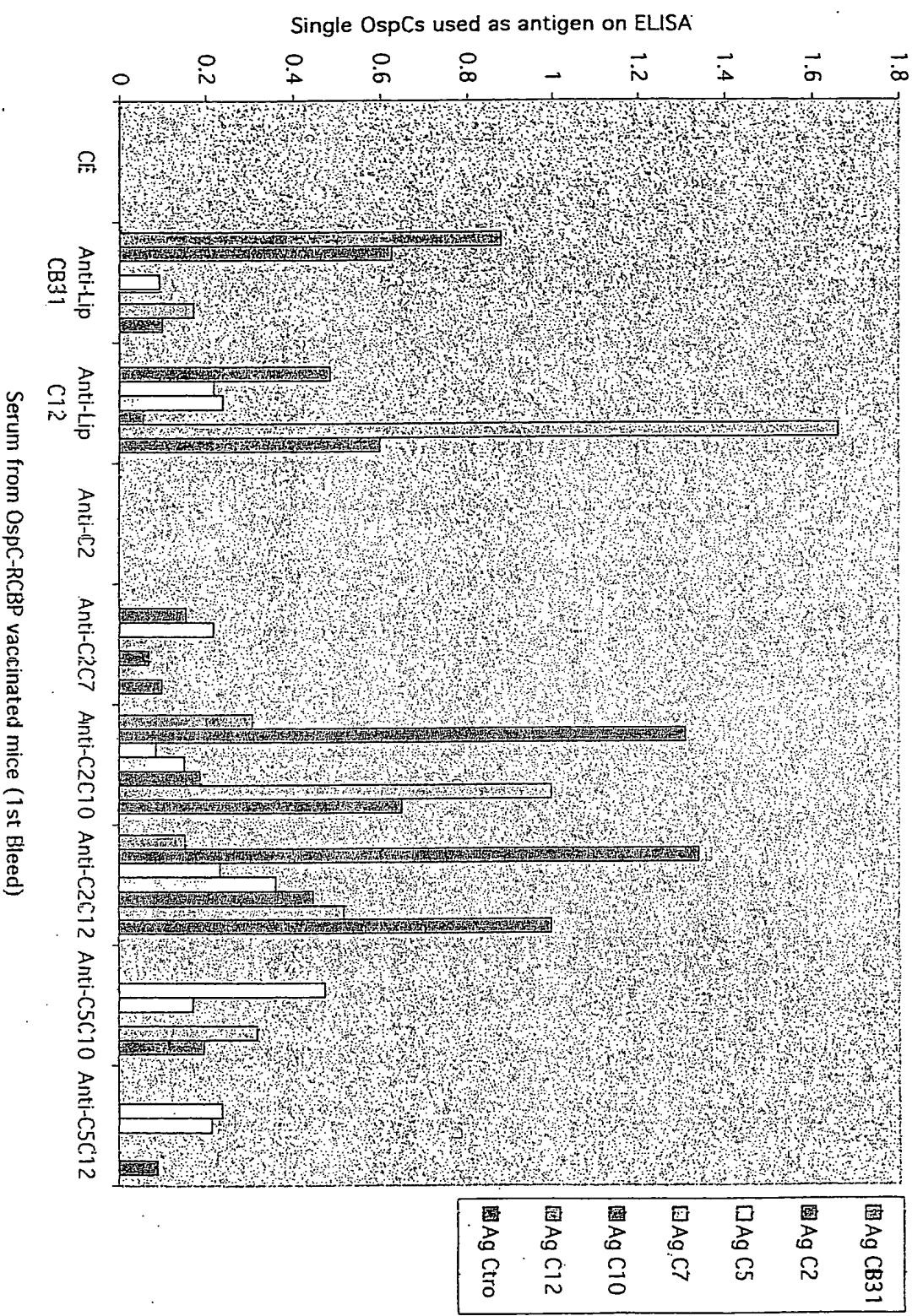


Fig. 2

Serum from OspC-RCBP vaccinated mice (1st Bleed)

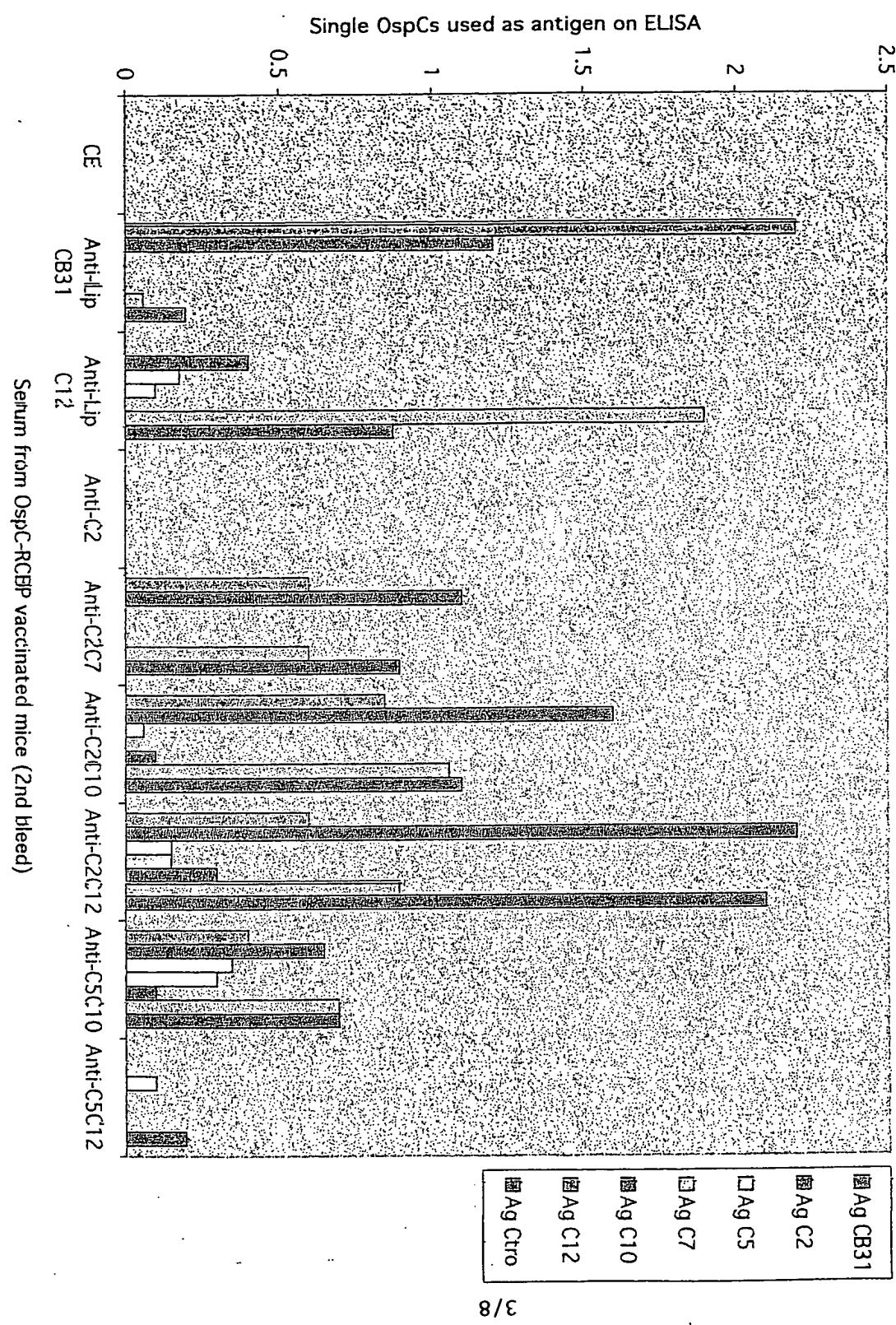
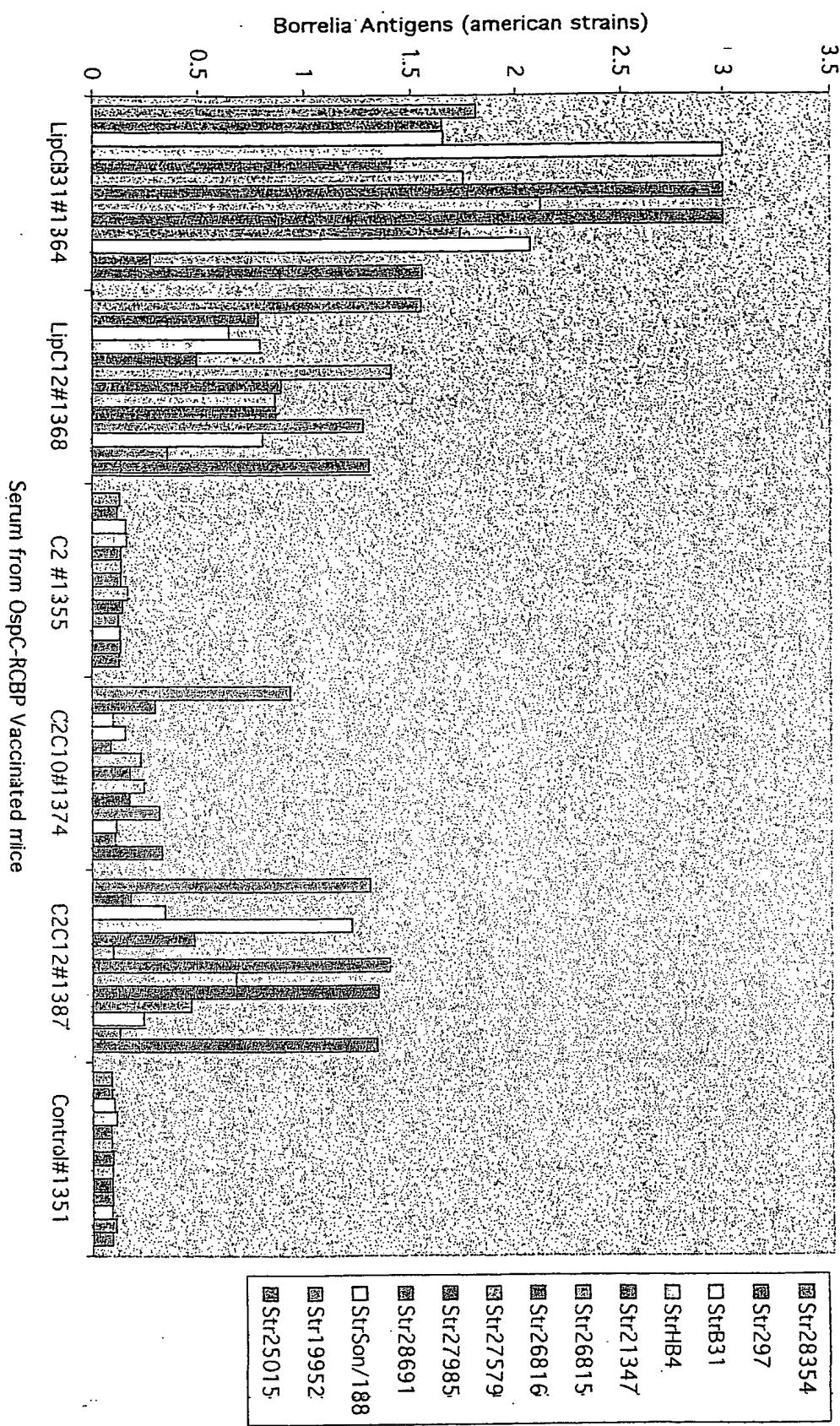
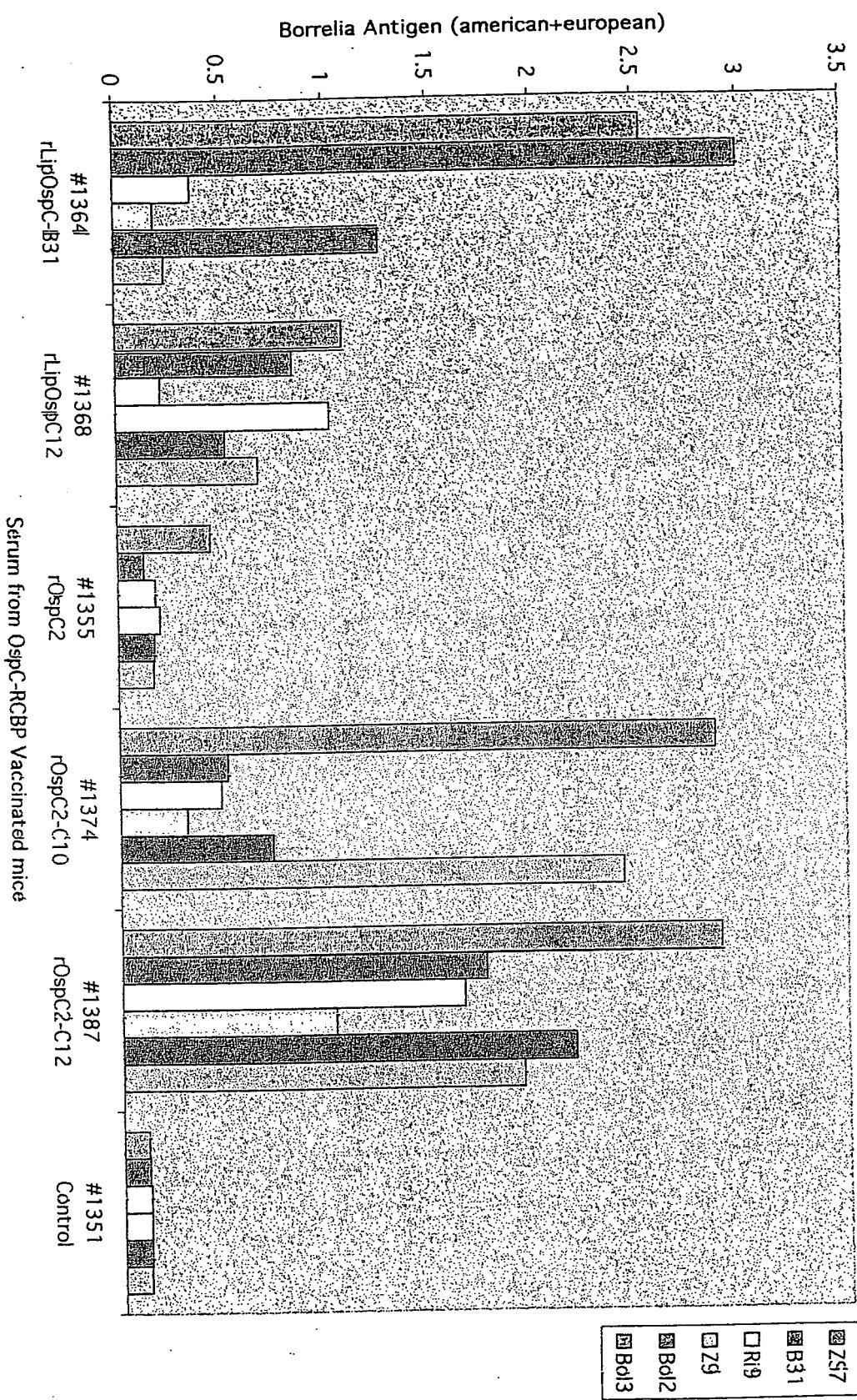
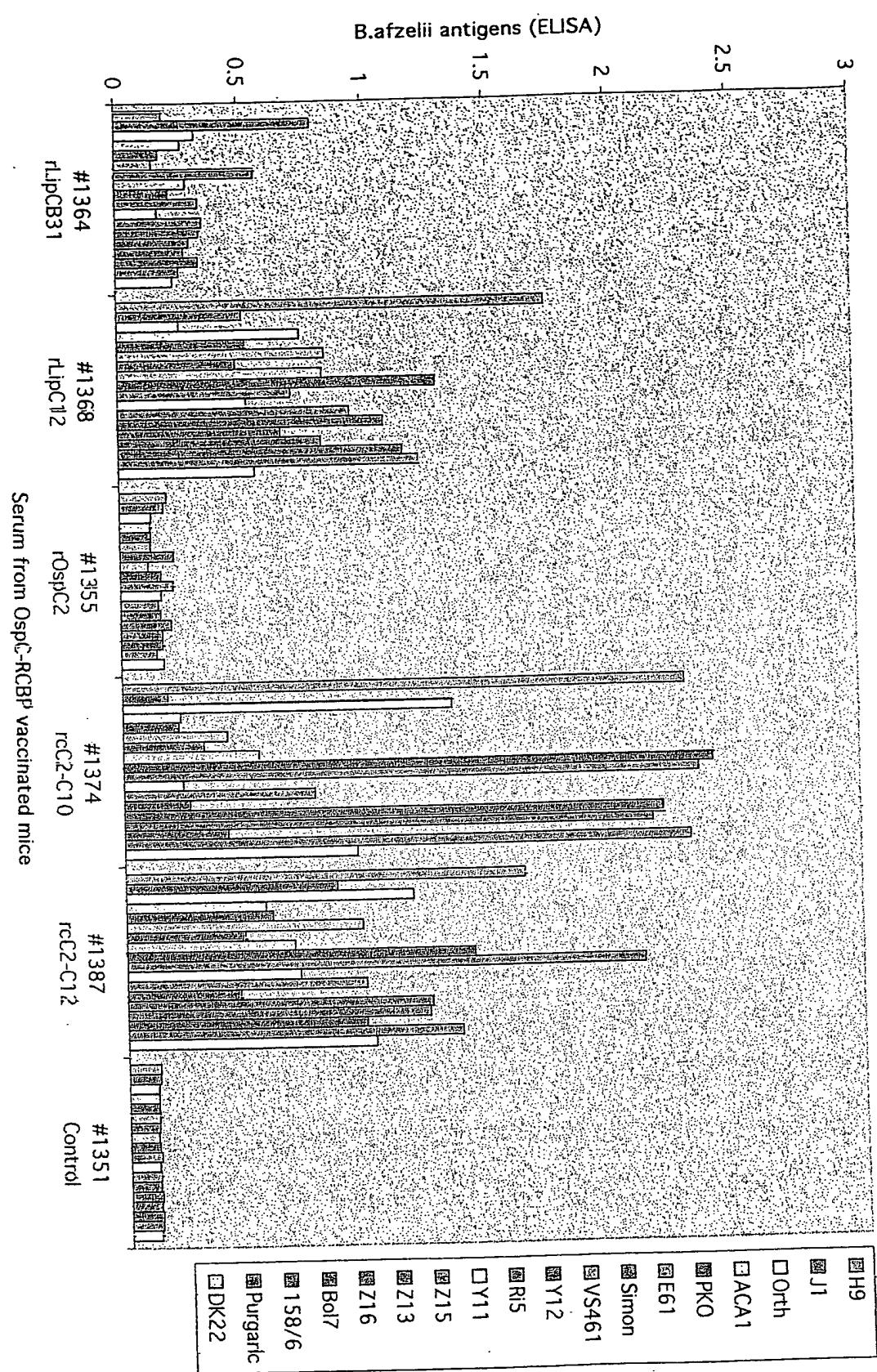


Fig. 3







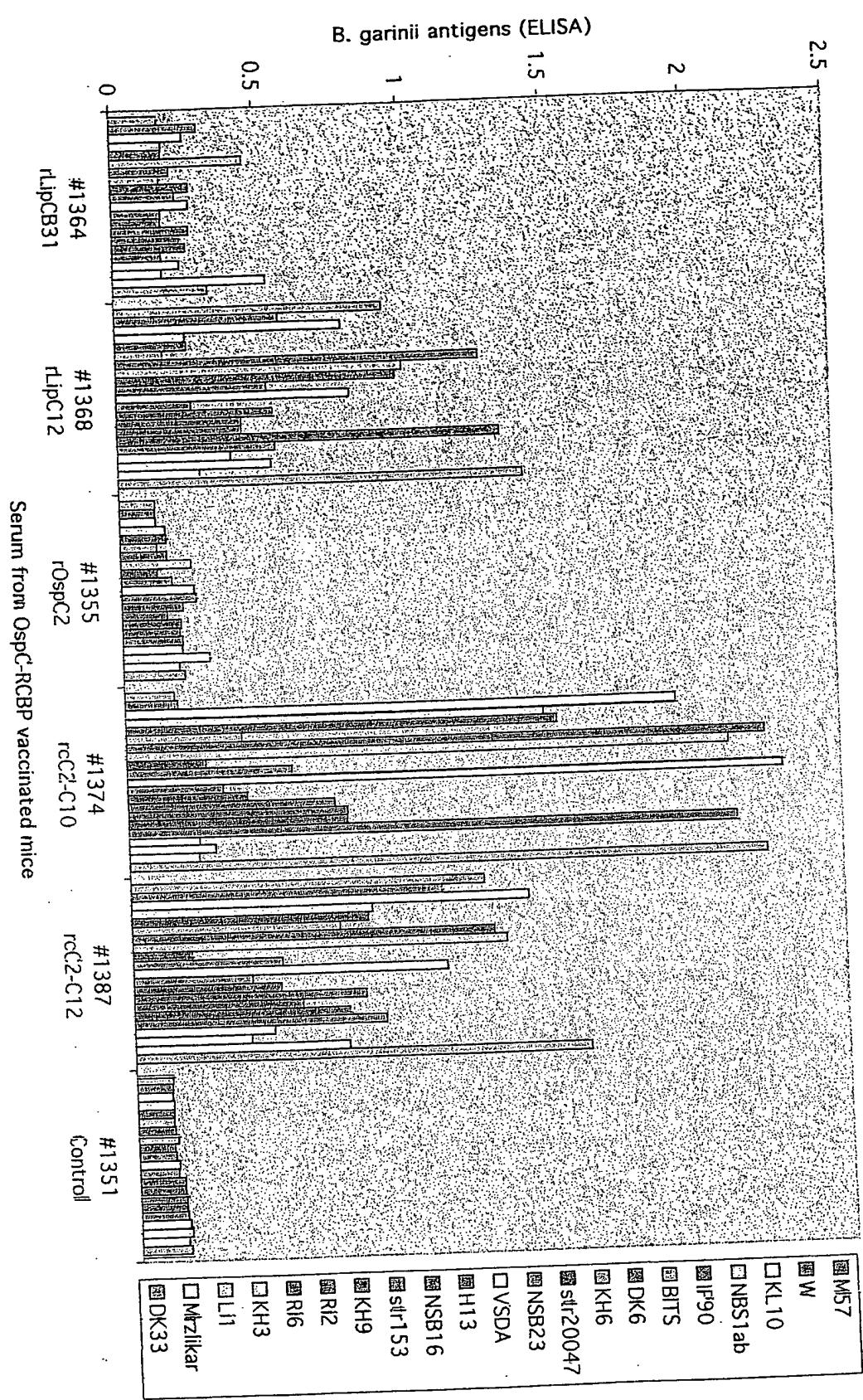


Fig. 7

Early Lyme: #P(total)				Sensitivity		Potential cross-reactivity: #P/Total Tested)			Specificity		
EMA	EA	Ac. Dissem.	Ac. Convul.	#P(Total)	(%)	Syphilis	SLE & RA	Normals End.	#P(Total)	(%)	
C1 (chrt1)	6(10)	ND	4(10)	8(8)	18(28)	64%	1(10)	2(10)	0(8)	4(38)	11%
C2 (chrt2)	4(10)	ND	5(10)	8(8)	17(28)	61%	0(10)	2(10)	0(8)	4(38)	11%
C1C10 (chrt3)	7(10)	ND	4(10)	5(8)	16(28)	57%	4(10)	1(10)	0(8)	7(38)	18%
C1C12 (chrt4)	2(10)	ND	3(10)	5(8)	10(28)	36%	2(10)	0(10)	ND	2(30)	7%
B31C10 (chrt5)	8(10)	ND	6(10)	5(8)	19(28)	68%	2(10)	4(10)	0(8)	8(38)	21%
B31C12 (chrt6)	7(10)	ND	6(10)	6(8)	19(28)	68%	1(10)	1(10)	0(8)	3(38)	8%
C2C7 (chrt7)	5(10)	6(8)	3(10)	4(7)	18(35)	51%	1(11)	0(10)	1(20)	0(8)	2(49)
C2C10 (chrt8)	4(10)	7(8)	5(10)	4(7)	20(35)	57%	0(11)	0(10)	1(20)	0(8)	1(49)
C2C12 (chrt9)	5(10)	7(8)	6(10)	4(7)	22(35)	63%	0(11)	1(10)	3(20)	0(8)	4(49)
C5C7 (chrt10)	7(10)	ND	4(10)	5(8)	16(28)	57%	2(10)	2(10)	0(10)	ND	4(30)
C5C10 (chrt11)	6(10)	ND	4(10)	5(8)	15(28)	54%	0(10)	0(10)	0(10)	ND	0(30)
C5C12 (chrt12)	8(10)	ND	8(10)	6(8)	22(28)	79%	5(10)	3(10)	0(8)	11(38)	29%

EMA = Erythema Migrans Acute

EA = Acute Disseminated

Ac. Dissem.= Acute Disseminated

Ac. Convul. = Acute Convalescent

#P = Number of positives

SLE = Systemic Lupus Erythematosus

RA = Rheumatoid Arthritis

End. = Endemic Field Workers

NonEnd. = Non Endemic

Fig. 8